



```
# windows:
```

```
https://static.rust-lang.org/rustup/dist/x86\_64-pc-windows-msvc/rustup-init.exe
```

```
msvc windows sdk
```

```
# linux:
```

```
curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs | sh
```

```
#
```

```
source "$HOME/.cargo/env"
```

**rustc -version**

```
#
```

```
rustc --version
```

```
#
```

```
rustup show
```

```
#
```

```
rustup update
```

```
#
```

```
rustup doc
```

```
# []
rustup self uninstall
```



[vscode](#), [rust-analyzer](#), [rust-lang.org](#)

## hello, world

```
# vi main.rs

fn main() {
    println!("Hello, world!");
}

#  rustc 
rustc main.rs
```

## cargo

```
# 
cargo --version

# 
cargo new hello_cargo

#  debug 
cargo build

#  release 
cargo build --release

# 
cargo run

# 
```

cargo check

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